

In the Specification

Please replace the paragraph beginning at page 1, line 5,
with the following rewritten paragraph:

-- U.S. patent application ~~Serial No. 08/~~Serial No. 09/746,183, filed 21 Dec 2000, and entitled "SYSTEM AND METHOD FOR DETERMINING NETWORK THROUGHPUT SPEED AND STREAMING UTILIZATION", ~~assignee docket END9-2000-0102~~ ~~US1-~~is assigned to the same assignee hereof and contains subject matter related to the subject matter of the present application. The above identified patent application is incorporated herein by reference.

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Please replace the paragraph beginning at page 18, line 8,
with the following rewritten paragraph:

As is described more fully in the copending patent application S/N ~~_____~~ (~~assignee docket END9-2000-0102~~ ~~US1-~~) Serial No. 09/746,183, filed 21 Dec 2000, when determining streaming utilization, a plurality of bursts of test packets (generally ten packets per burst) is

transmitted and the results analyzed.

Please replace the paragraph beginning at page 18, line 8, with the following rewritten paragraph:

Once the value of p has been solved for or approximated, the queuing theory formula $n = p / (1 - p)$ is used in order to determine the average number of messages on queue, ~~denoted by "nN"~~ denoted by "n". Multiplying T_w by discrete line speed and dividing by 8 gives the total number of bytes on queue. Dividing total number of bytes on queue by n gives the average message size.

Please replace the paragraph beginning at page 42, line 15, with the following rewritten paragraph:

In accordance with a specific embodiment of the invention, the explicit formulas calculated by ANSA are set forth hereafter. By deriving apparent bandwidth (response time capacity), network streaming utilization, network discrete utilization, and the network message size, all of queuing theory is now available for analytic and predictive

purposes and can be applied, as described in Klassen and Silverman. Network streaming speed, Average Network Streaming Speed, Network Streaming Utilization, Network Discrete Speed, Network Queue Wait Time, Standard Deviation Network Queue Wait Time, Network Queue Wait Time, "Tw," from a queueing theory perspective, are more fully described in in copending application S/N _____ (~~assignee docket END9 2000 0102 US1~~) Serial No. 09/746,183, filed 21 Dec 2000.